This is the grapher that I used. <http://www.mathsisfun.com/data/function-grapher.php>

These are as of Nov. 27 2011, eqn. and variables from 2011 season (Logomotion).

Equation: Multiplier\*(Adjustment\*JoyIn^Power + JoyIn(1-Adjustment))

Variables:

JoyIn = X

F/B/S

.4x^3+.6x

Adjustment = .4

Power = 3

Multiplier = 1

DeadZone = 0

Rotation

.7\*((.4x^3)+.6x)

Adjustment = .4

Power = 3

Multiplier = .7

DeadZone = 0